

Type of Meeting:	Weekly Construction Progress Meeting
Project Name:	EMJ Early Action Removal Action
Anchor Project #:	080224-01.02
Meeting Location:	Pacific Pile & Marine Trailer at JFC Facility

Date	Start	End	Meeting Led By:	Mike Roberts
7/9/14	10:00 am	11:00 am	Meeting Note-Taker:	Mike Roberts

Attendees: All attendees listed will receive a copy of the meeting notes.

Farallon	Anchor QEA	Pacific Pile & Marine (PPM)	EPA / USACE
<input checked="" type="checkbox"/> Amy Essig Desai	<input checked="" type="checkbox"/> Mike Roberts	<input checked="" type="checkbox"/> Wilbur JC Clark	<input checked="" type="checkbox"/> Becky Chu (EPA)
<input checked="" type="checkbox"/> Rich McManus	<input checked="" type="checkbox"/> Ryan Barth	<input checked="" type="checkbox"/> Marty Locke	<input checked="" type="checkbox"/> Erika Hoffman (EPA)
<input type="checkbox"/>	<input type="checkbox"/> David Templeton	<input checked="" type="checkbox"/> Craig Cearly	<input checked="" type="checkbox"/> Karen Keeley (EPA)
<input type="checkbox"/>	<input checked="" type="checkbox"/> Elizabeth Appy	<input type="checkbox"/>	<input checked="" type="checkbox"/> Rob Willis (USACE)
<input type="checkbox"/>	<input type="checkbox"/> Bruce McDonald	<input type="checkbox"/>	<input checked="" type="checkbox"/> David Clark (USACE)
	<input type="checkbox"/> Ross Pickering		
	<input checked="" type="checkbox"/> Kyle King		

Discussion:

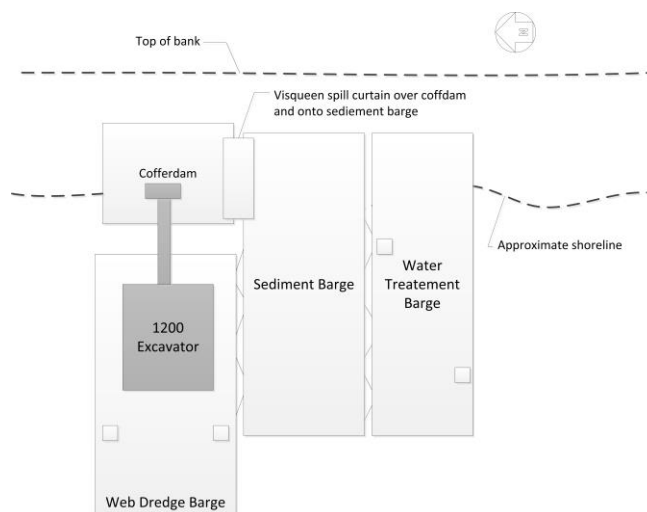
Health and Safety Moment

Kyle King reviewed the decontamination areas, specifically the proper boot washing protocols.

New Business / Discussion

1. **Cofferdam schedule of work.** Work will commence Thursday, July 10 at 2:00 pm. Active dredging will be permitted from 2:00 p.m. to 9:00 pm (PST). PPM will take several hours beyond this for movement of equipment away from the cofferdam and nightly shutdown. Plan is to complete dredging of the Subtitle D materials on Thursday and underlying Subtitle C materials on Friday. Partial placement of backfill is scheduled on Saturday starting in the morning and be performed from the shore with the long reach excavator. Sunday is available as a contingency work day, if schedule slippage occurs.

- a. The layout of equipment is shown in the sketch to the right. The dredge barge will be spudded down, and the sediment barge will be tied to the dredge barge. The water treatment barge will be tied off to the sediment barge and spudded if needed. Disposable visqueen will be used as a spill apron between the cofferdam and the sediment barge. It will be rolled up and placed on the sediment barge following completion of the Subtitle D for disposal with the Subtitle D materials. New Visqueen will be installed during removal of the underlying Subtitle C materials. It will be rolled up and placed in a lined container for disposal with the Subtitle C materials.
- b. The Boeing Company (Boeing) has requested that a PanGeo representative be present during removal activities within the cofferdam. Boeing, PanGeo, Anchor QEA, PPM, and Farallon Consulting met to discuss the sequence of work within the cofferdam on July 8, 2014 and agreed on the approach.
- c. Using a clean bucket, the surface sediment z-layer sample will be taken on the morning of Saturday July 12.



- d. PPM will pump any standing water in the Subtitle C lined containers to the water treatment barge following completion of the removal activities on Saturday, Sunday or Monday. AQ will perform water monitoring in accordance with the Water Quality Memorandum during discharge of the treated water.
 - e. Following dewatering, PPM will relocate the barge with lined containers from the site to the PPM Yard. The sediment barge with Subtitle D materials will be maintained at the site until the in-water dredging commences on July 21.
2. **Pilings Removal.** EPA noted their understanding from the approved plans is that the timber pilings would first be attempted to be pulled using waterside equipment and if the piling breaks the piling would be cut off 3-feet below the finished grade. Ryan indicated that the piles supported a historical railroad trestle dating back to at least 1944. Due to the very low tides during the daytime work hours, PPM proposed pulling the piles using a choker deployed from upland equipment. If this method is ineffective a vibratory extractor may be deployed to further attempt to pull the piles if deemed potentially effective. If pile pulling is not deemed possible due to the condition of the pilings, localized excavation may be needed to expose un-rotted portion of the pile to facilitate removal to 3-feet below the finished grade.
 3. **Dust suppression at stockpile area.** Need to keep on this. EPA noted some dry material in the stockpile area that may lead to dust migration. PPM shall use the on-site water truck as necessary to suppress dust.
 4. **Decontamination.** USACE oversight identified that some staff exited the work skiff, to the right side of cofferdam and did not perform the appropriate decontamination procedures. Need some more signs added to help guide pedestrian traffic through appropriate work zones and decontamination procedures. PPM will notify truckers that they cannot get out of their trucks. Additional signs have been ordered by PPM and will be installed. EPA walked the site with PPM after the meeting to identify any additional signs that might be useful.
 5. **Jorgensen access to exclusion zone.** Some Jorgensen staff were seen the exclusion zone without hard hats and vests, and without following decontamination procedures. Wayne Turk and Miles Dyer or Jorgensen will re-inform their staff to stay out of the exclusion zone and the construction site. PPM working with Jorgensen to move equipment and fuel out of the exclusion zone so Jorgensen staff no longer need access to work area.
 6. **Upland soil contamination.** EPA expressed concern that equipment movement in the exclusion zone is leading to contaminated soil migration throughout the exclusion zone. Per JC Clark, the RAWP indicates this migration will be remedied by removing the upper 3 to 6 inches of material in non-paved areas of the exclusion zone following completion of the shoreline bank excavation activities. JC further indicated that paved concrete areas will be decontaminated as identified in the RAWP.
 7. **HASP visibility.** EPA requested that the Health and Safety Plan (HASP) be more accessible/visible. Quick guides are posted in the PPM field office. PPM standard policy is to use ambulance to get injured staff to the hospital, and not drive themselves. EPA suggested posting a sign to call 911 for emergency, rather than drive. Also post sign as to where to check in, and make a sign in sheet available and visible in the field office. The sign in sheet is kept on the table, and was available upon arrival of visitors today.
 8. **Water Quality.** Anchor QEA has a water quality monitoring vessel available at the South Park Marina to performed scheduled and potential "quick-turn" monitoring. A separate water quality coordination meeting was held following this progress meeting between EPA, Anchor QEA and Farallon Consulting.
 9. **Preconstruction Perimeter Surface Sediment Sampling.** Anchor QEA has been performing this work, and it should be complete today.
 10. **Transloading facility.** See Issue 20, below.
 11. **Schedule.** PPM to submit a project schedule for review. No full schedule has been submitted to date.
 12. **King County Industrial Waste Discharge Permit.** PPM has received the Discharge Authorization from King County.

Project Schedule

PPM provided an updated 4-week look ahead schedule (attached). Starting shoreline bank debris removal process and plugging the culverts today. Excavate the shoreline bank soils on Thursday. Exporting shoreline bank debris out on Monday, July 14, based on availability of containers. Exporting shoreline bank soils on Thursday July 17. Test pumping was initiated with the cofferdam this morning during a falling tide condition and this test shows that a second pump is needed to ensure water is maintained in the cofferdam at elevation 11 feet mean lower low water (MLLW) during removal below -5 feet MLLW. PPM will therefore plan on using 2 pumps to maintain the water elevation and have a third contingency pump available as a backup. PPM will turn pumps on tomorrow just prior to initiating removal with the cofferdam and maintain

the pumps until backfill is placed to return the surface elevation to a minimum -5 feet MLLW. The overlying Subtitle D will be removed first on Thursday July 10 followed by removal of the underlying Subtitle C materials on Friday July 11. Backfill material will be placed on Saturday July 12. Anchor QEA to provide Becky the physical and chemical information for the backfill materials following the meeting.

Project Issues

The following issues were discussed. Issues that require no follow up will be identified to be “retired”. Ongoing issues that require follow up at next week’s meeting will be marked as “open”.

Note: BIC = Ball in Court. This is the primary lead for the specific issue.

Item	Description and Status	BIC
2	Change Order No. 2 for dredge design revisions due to Boeing construction integration. 6/6/14: CO 2 drafted and will be reviewed by Mike R and submitted to PPM for signature and execution. 6/13/14: Amy has the change order and will provide final review. Forward to PPM following finalization. Signatures will follow. 7/9/14: Signed. (retired)	Retired
4	PPM to obtain King County Industrial Waste Discharge Permit. 6/6/14: Permit application has been provided to Anchor QEA/JFC for signature. Following the meeting, King County called Ryan Barth and Indicated that John Gross is the authorized designee at JFC. John Gross is no longer a JFC employee so King County indicated an “officer” at JFC that is a VP or above needs to sign and submit a Delegation of Signature Form for Miles Dyer. King County stated the turnaround time for permit execution is currently 4 weeks following receipt of the permit application with attached Delegation of Signature Form. This item discussed separately in the discussion session in these notes. Anchor QEA to communicate in writing the discussion with King County and path forward options for project water disposal. 6/13/14: Amy will discuss plan to use tanks with Becky at EPA, and will continue supporting JFC signature on discharge permit. 7/9/14: The permit has been approved. (retired)	Retired
5	PPM to provide chemical and gradation analysis of all import materials. 6/6/14: JC is working with Cal Portland to provide required documentation and will provide early in the week of June 9. 6/13/14: Gradation received by PPM last night. All material sourced from the same pit. Discussed need to have separate chemical analysis for each material type. Amy to ask Becky at EPA if necessary as all material being crushed from same source. PPM to submit Import Material Source Report once necessary chemical results are identified. 7/9/14: AQ has reviewed and will provide letter today with acceptance of chemical and gradation.	Anchor QEA
6	Contractor shall provide source(s) of backfilling material and samples to the Project Engineer, as well product specs sheet for selected GAC. 6/6/14: JC to provide 5 pound samples, as well as required specification sheets. 6/19/14: GAC product data sheet provided. PPM to see who can provide 17 Tons by middle of July. 7/24/14: Anchor QEA approved use of Fitasorb 300 – Granular Activated Carbon. (Retired)	Retired
7	PPM to provide State of Oregon approval that Subtitle C and D materials can be disposed of in their state. 6/6/14: JC is following up Waste Management to obtain this approval early in the week of June 9. 6/13/14: Waste Management – Becky wanted approval for the transport. Ryan and Amy will follow up with Becky on what is typically done in Oregon. Waste Management has indicated they are a permitted facility and don’t produce a separate approval. Ryan is lead. 7/9/14: Becky will prepare and send a letter to State of Oregon. (open)	EPA
13	PPM submit schedule for performance of baseline pre-construction survey. 6/6/14: The short interval schedule provided by PPM shows the preconstruction survey from 6/17/14	PPM

	<p>to 6/20/14.</p> <p>6/13/14: Survey to be performed.</p> <p>7/9/14: Anchor QEA approved survey, submitted to Anchor QEA on July 7, with the condition that a few additional top of shoreline bank survey points be collected. Terrasond to collect data following the meeting. (open)</p>	
14	<p>Manifest signatures.</p> <p>6/13/14: Decision needed on who will sign each of the manifests.</p> <p>7/9/14: EMJ will be signing all manifests. Trucks on 14th. Need to refine the process. (open)</p>	Farallon
15	<p>HASP Addendum for performance of work in dark</p> <p>6/13/14: PPM is revising the HASP to reflect health and safety procedures for performance of work at night. PPM to submit to Anchor QEA by start of business Monday June 16th.</p> <p>7/9/14: Discussed possibly working at night for future work (not this week or next), if there is a need (e.g., tides, schedule constraints). Becky indicated she will have to assess whether EPA will be able to provide oversight during night time hours. Becky will review options and inform Farallon if an amendment to the HASP (or other document) would be needed or considered. (open)</p>	EPA
16	<p>SDOT Bike lane construction</p> <p>6/13/14: SDOT is planning to construct a bike lane on Portland Street, and could affect haul routes. PPM to consider this in their planning.</p> <p>7/9/14: JC indicated that his discussions with SDOT indicate there should not be an impact to PPM Yard trucking and operations. Will consider this closed, but will need to monitor during use of the PPM Yard. (retired)</p>	Retired
17	<p>Facility King County Industrial Waste Discharge Permit.</p> <p>6/13/14: JFC trying to determine who is authorized to sign the discharge permit application. Anchor QEA provided PPM the available sediment chemical concentrations for insertion into the Permit. PPM will provide an 18,000 gallon weir tank for water storage, and additional tanks as necessary. Discussed the serial letter from PPM regarding the path forward for waste discharge permitting, and the identified June 14th deadline for JFC submittal of the Permit application. Anchor QEA noted that neither Farallon nor Anchor QEA can drive JFC to proceed any faster and that their timeline is not compensable, and will not adversely impact the project schedule. PPM indicated that there will be no schedule impact if they can get a signature from JFC by the end of next week. Amy will discuss with Becky at EPA the concept of using a storage tank(s) as a contingency plan until the discharge permit is approved.</p> <p>7/9/14: PPM has obtained the Discharge Authorization from King County. (retired)</p>	Retired
18	<p>Soil/Sediment Waste Disposal Profiling.</p> <p>6/13/14: PPM provided Anchor QEA with the waste disposal profile forms that need to be filled out for the Chemical Waste Management (Hazardous Waste Facility) and the Columbia Ridge Landfill. Ryan to supporting completion of the forms. Need to determine who will be signing the manifests – EMJ, JFC or others.</p> <p>7/9/14: Anchor QEA to provide additional support to PPM to complete the disposal profile forms. (open)</p>	Farallon
19	<p>Roster and Safety Training.</p> <p>6/13/14: Truck drivers were discussed specifically. As long as they drive through the site and only exit their vehicles in the staging area, Anchor QEA to confirm that JFC will not require JFC facility safety training. PPM to provide Anchor QEA with a list of subcontractor trucking companies for forwarding to JFC.</p> <p>7/9/14: For EPA, will need to go through the safety briefing, and then inform Amy for those that were not on the roster. All entrants need to be on roster to gain access to the site. (open)</p>	EPA
20	<p>Transload Facility.</p> <p>7/9/14: The EPA review of the PPM Yard took place on July 8, and resulted in a significant punchlist of items to be corrected by PPM. PPM was provided with a list of items to correct on July 8. The site was not approved by EPA pending completion of these items and completion of a second inspection. A second inspection is currently scheduled for Monday, July 14 at 10:00 a.m. (open)</p>	Open

Action Items:

Item	Description	Due by	BIC
1	Notify drivers, workers, and site visitors of exclusion zone requirements.	7/10/14	PPM
2	Notify Jorgensen staff of exclusion zone requirements and agreement on no access to site and protocols for fueling.	7/10/14	Farallon
3	Provide and install additional signage on site regarding HASP, and make HASP more visible in the field office.	7/11/14	PPM
4	Conduct hydrostatic test of water treatment barge and verify inspection schedule with EPA.	7/10/14	PPM
5	Provide backfill material chemical analysis and data to Becky at EPA.	7/9/14	AQ
6	Prepare letter of notification to the State of Oregon for the disposal of the Subtitle C material.	7/12/14	EPA
7	Define process for signing of manifests.	7/14/14	Farallon
8	EPA to have necessary field staff go through Jorgensen safety orientation, as needed.	7/14/14	EPA
9	PPM to complete work on PPM Yard and prepare for Monday EPA inspection.	7/11/14	PPM
10	PPM to provide full updated CPM of the project.	7/10/14	PPM